

FIG. 1

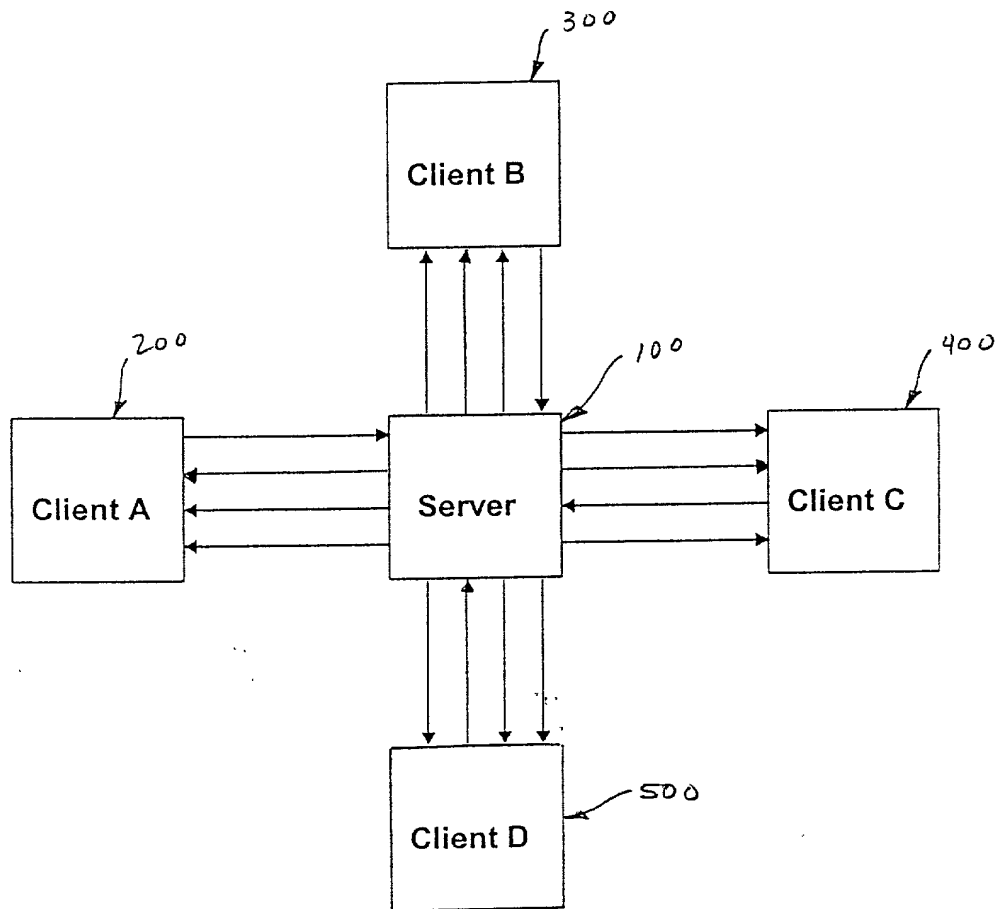


FIG. 2

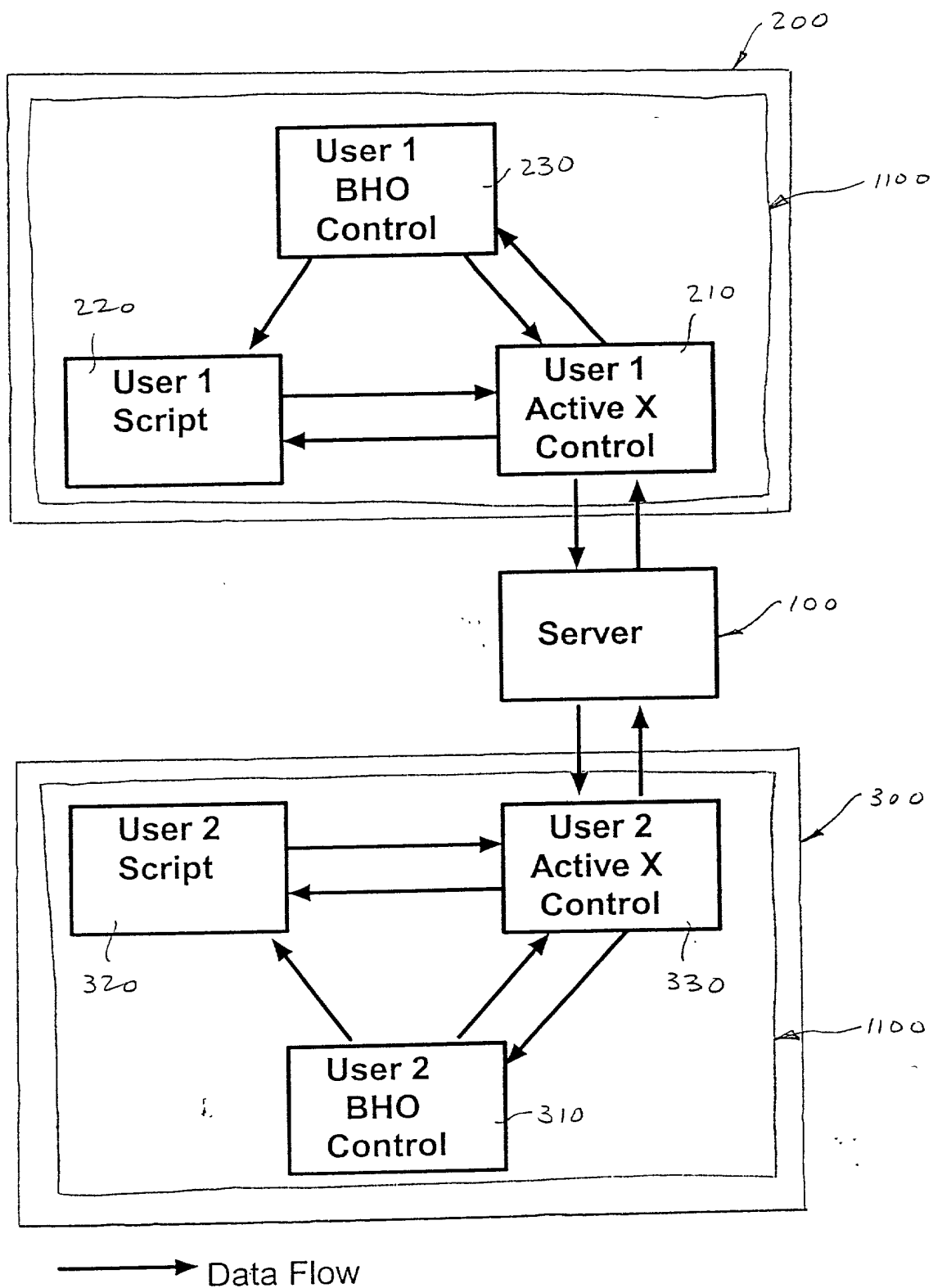


FIG. 3

Step 1 – user enters username and password and clicks “Sign In” button

Step 6 – script notifies user via a dialog that he/she has been logged in

Step 2 – script sends username and password to “Login” function in control.

Step 5 – control passes a confirmation onto the script

Step 4 – server logs the user in and sends a confirmation back to the control

Step 3 – control passes data along with a “Login” id to server

Script

Active X Control

Server

FIG. 4

220

210

100

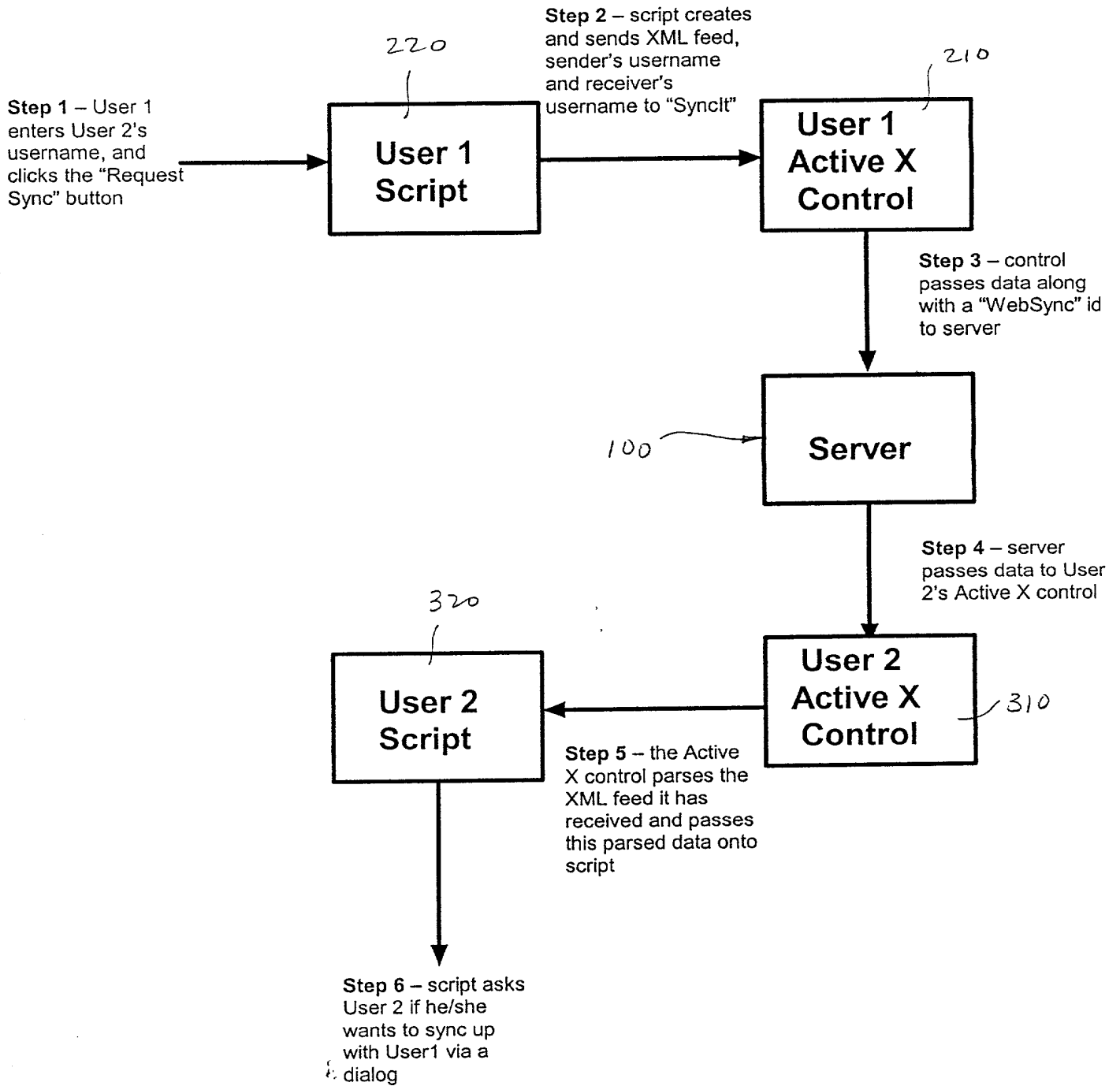


FIG. 5

Step 1 – User 1 navigates to web page. BHO control gets NavigateComplete2 message.

Step 2 – BHO control passes the data sent with the NavigateComplete2 message to script

Step 3 – script creates XML feed using data it received, and sends it along with the sender's username and receiver's username to "SyncIt" function in Active X control

Step 4– control passes data along with a "WebSync" id to server

Step 5 – server passes data to User 2's Active X control

Step 6 – the Active X control parses the XML feed it has received and passes this parsed data onto script

Step 7 – script asks the Active X control for a pointer to the BHO control's IWebBrowser2 interface. Active X control returns requested IWebBrowser2 interface

Step 8 – script calls the Navigate2 method on the IwebBrowser2 pointer and passes the url it received from the Active X control as an argument. User 2's Internet Explorer main window then navigates to the desired url (same url as User 1)

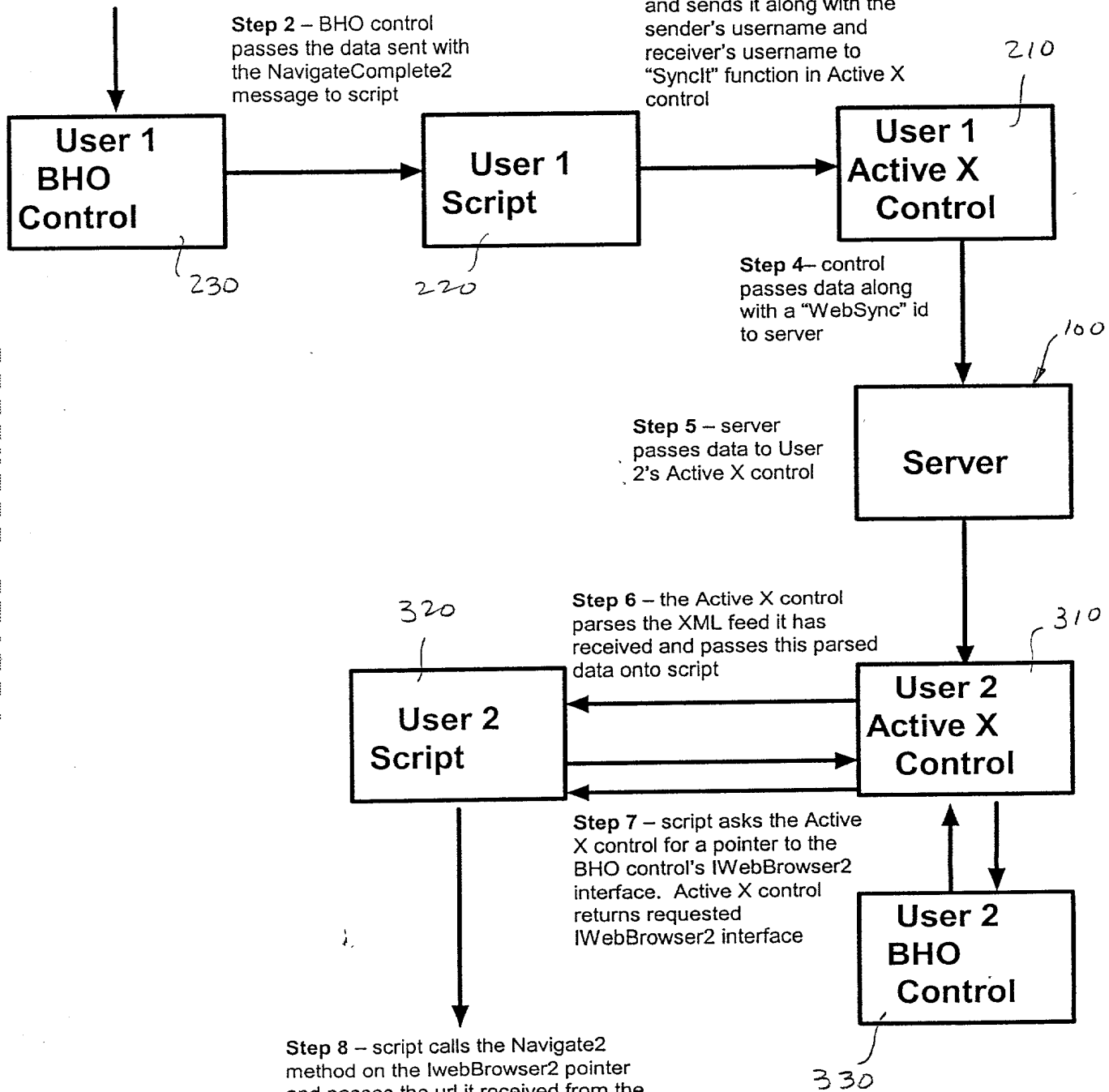
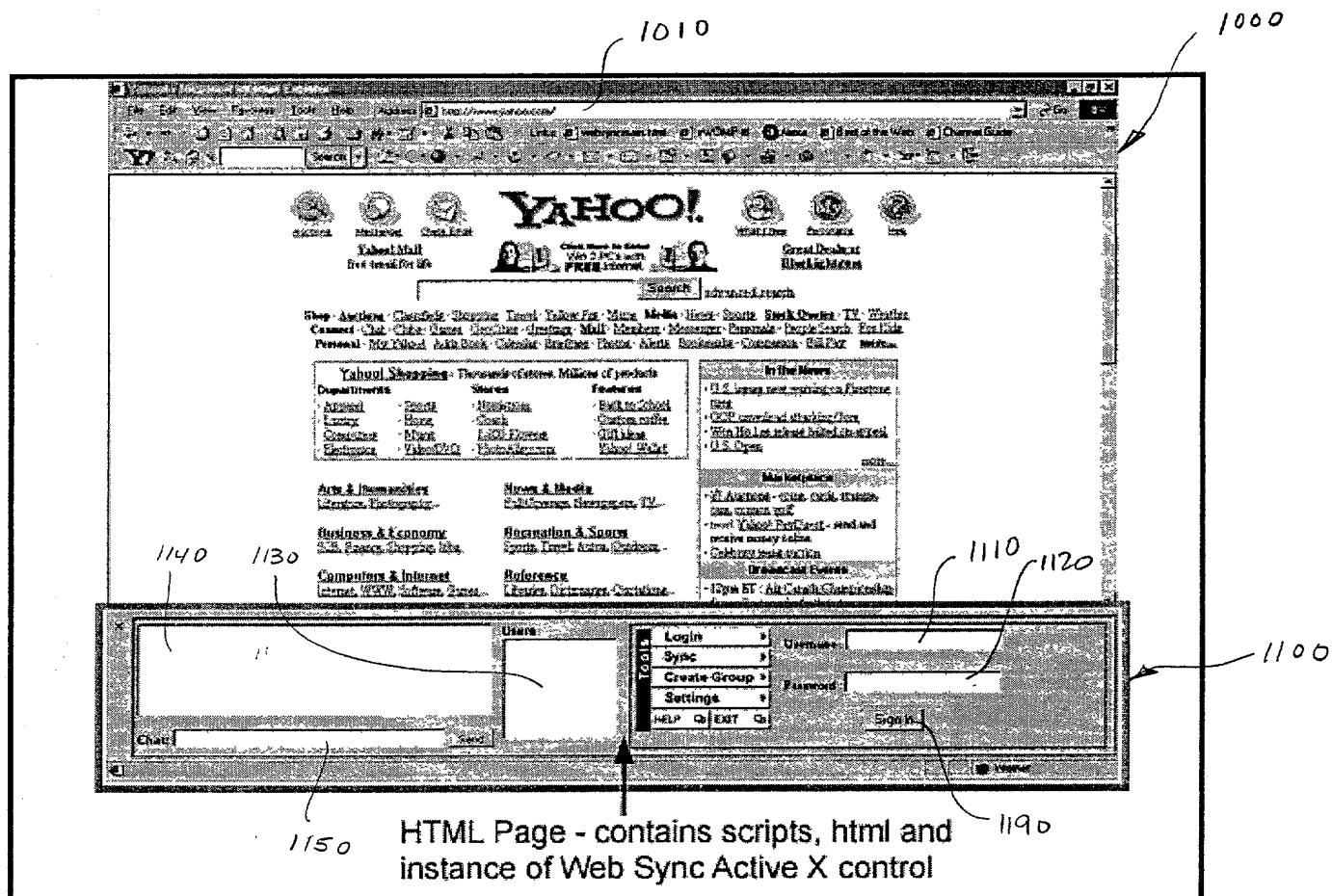


FIG. 6



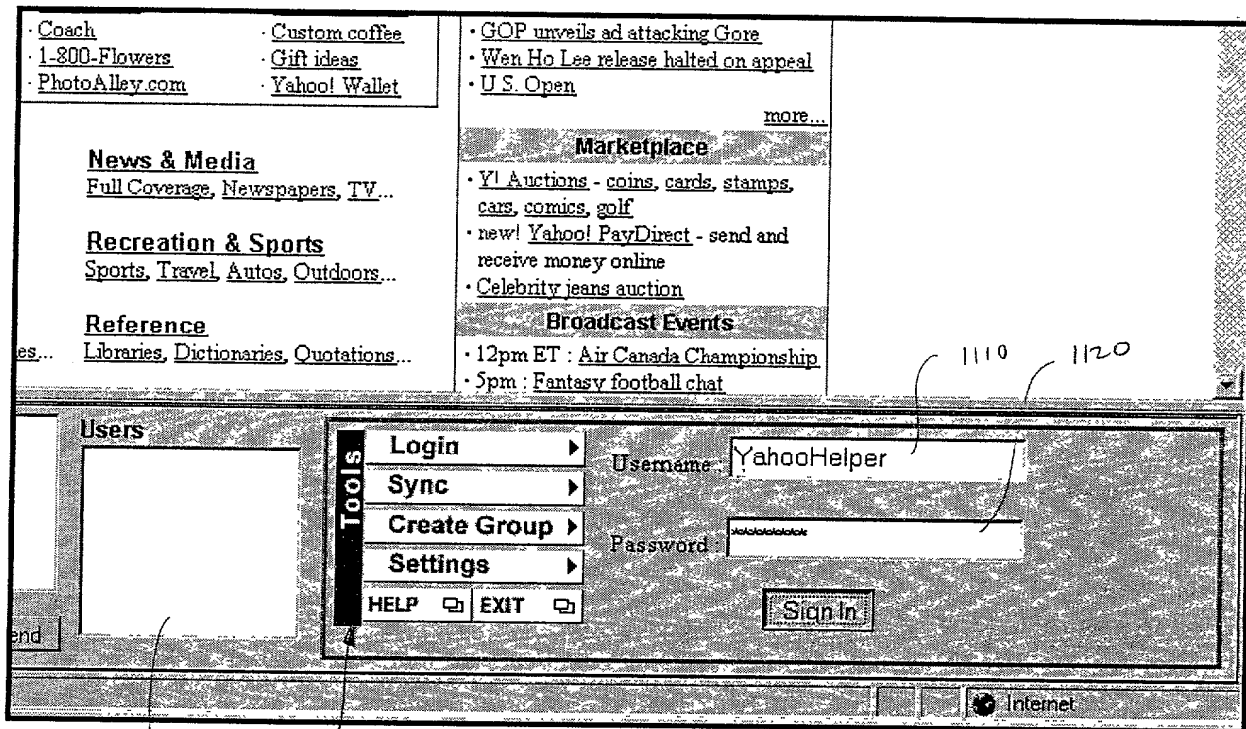


FIG. 8

1300

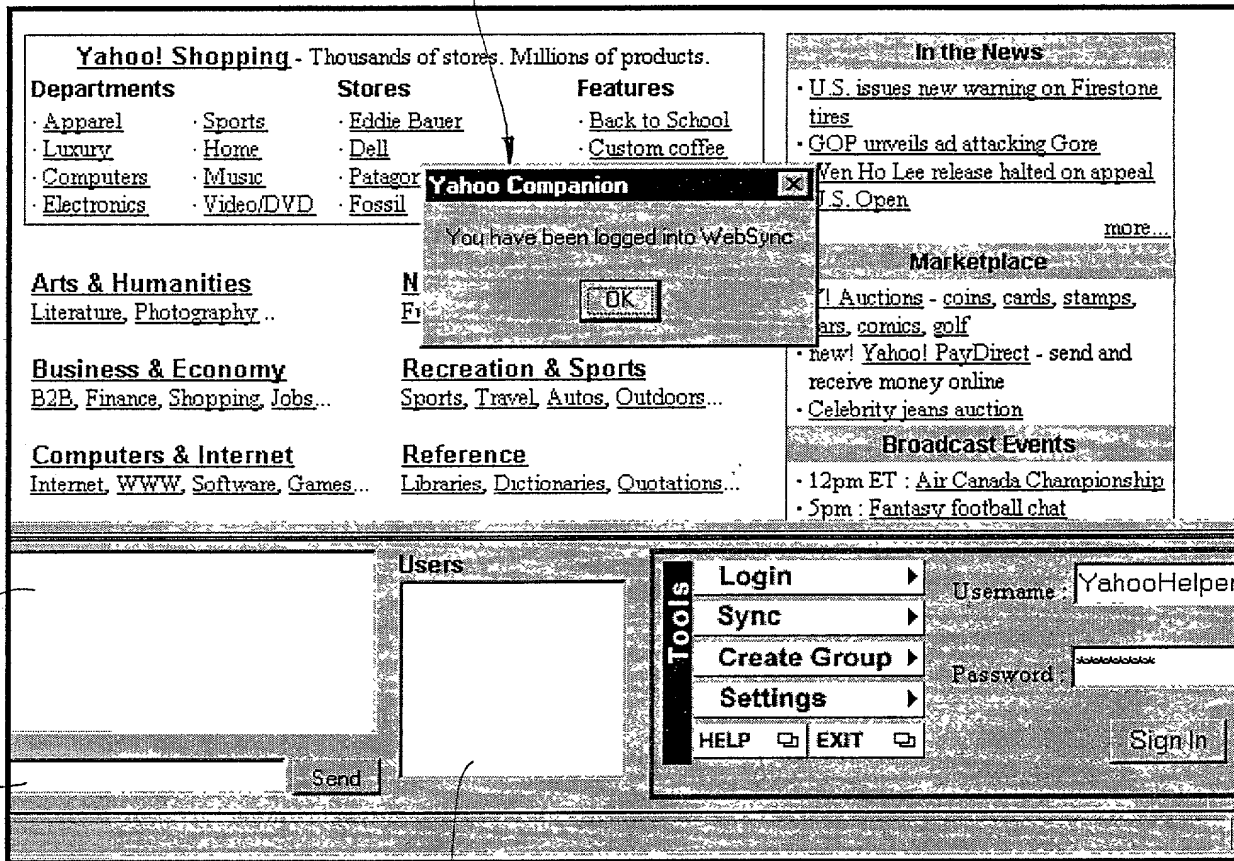
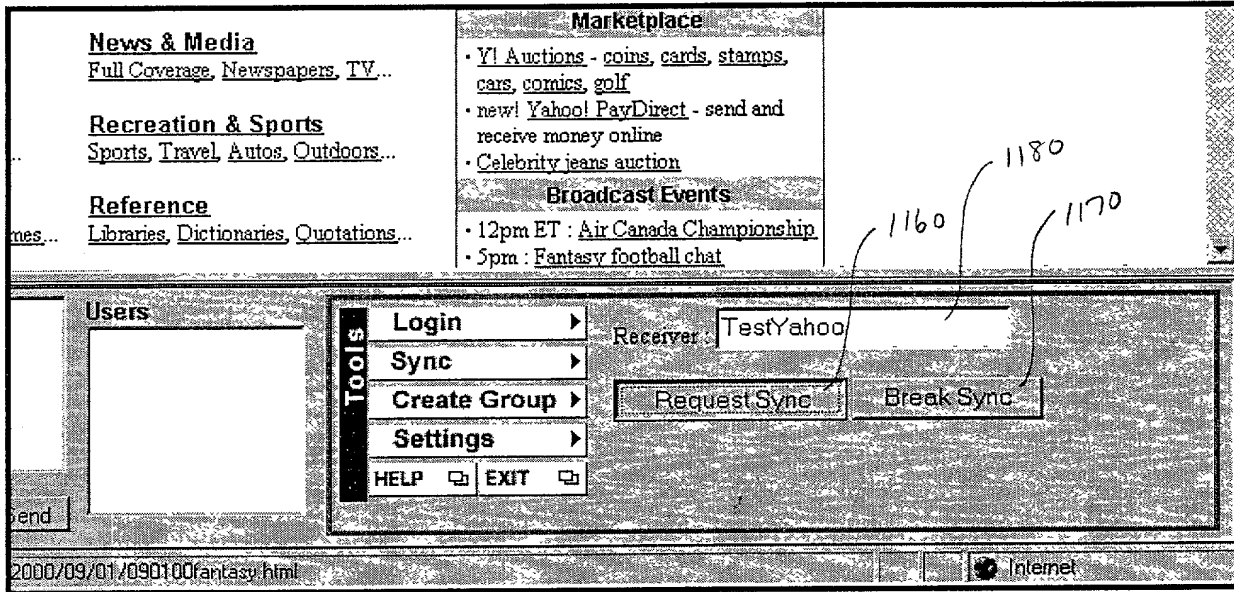


FIG. 9

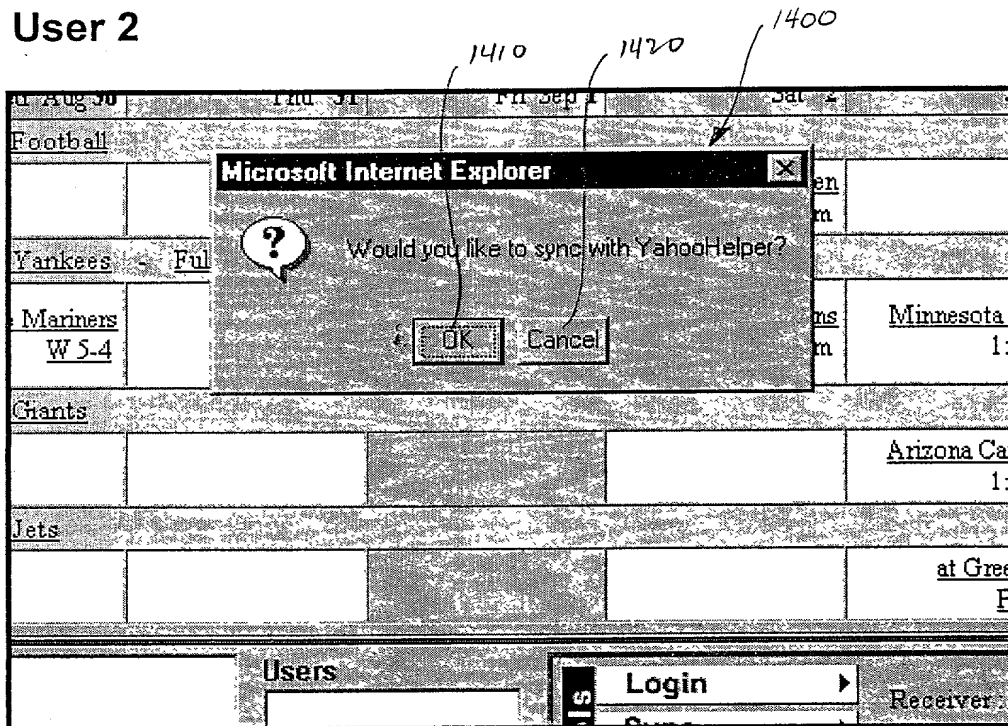
User 1

FIG. 10A



User 2

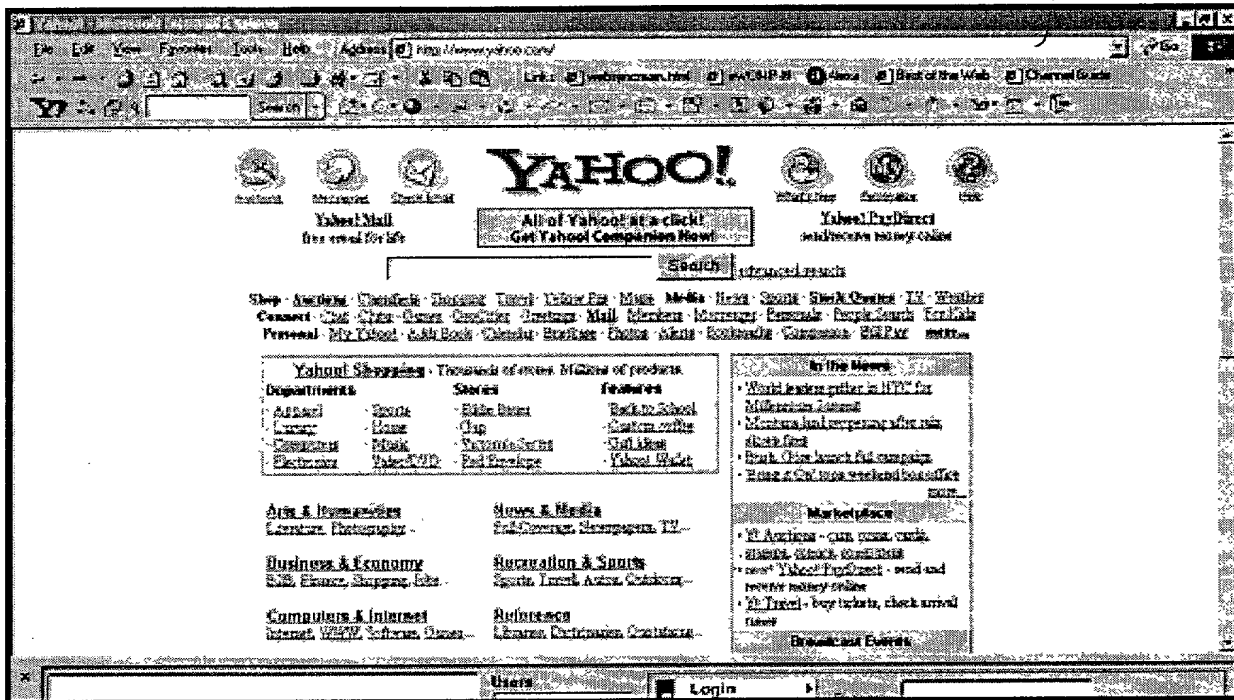
FIG. 10B



User 1 at http://www.yahoo.com

FIG. 11A

1010

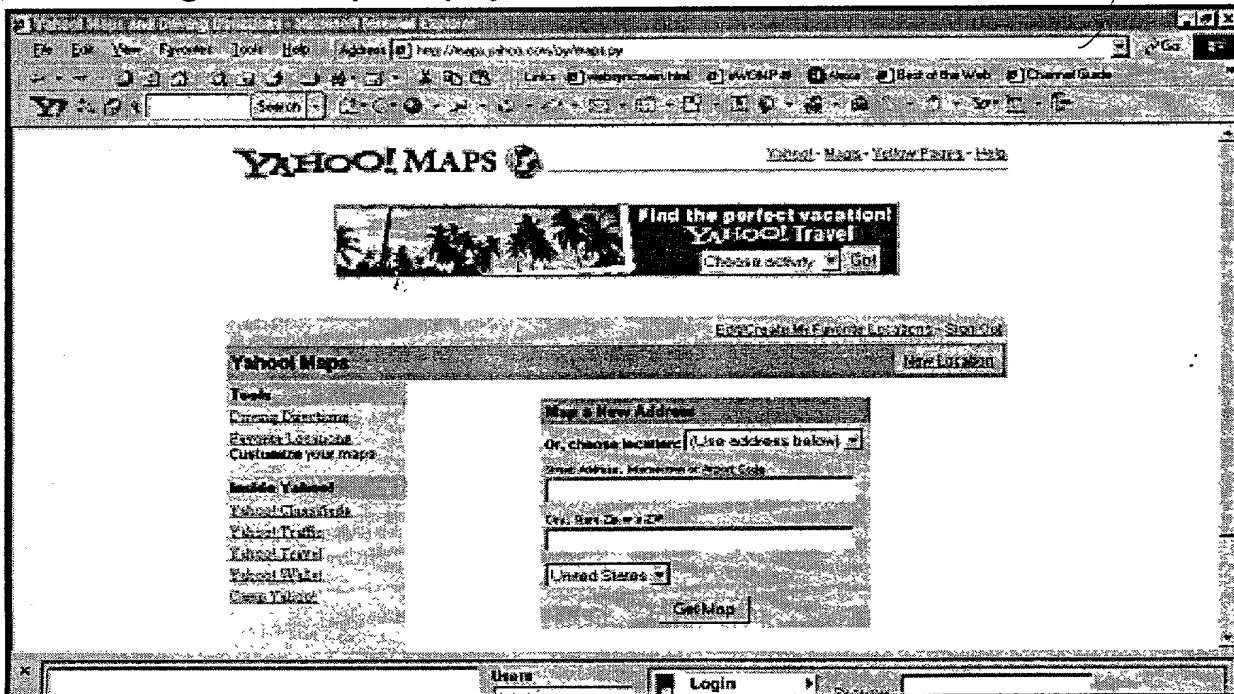


1000

User 1 navigates to http://maps.yahoo.com

FIG. 11B

1010

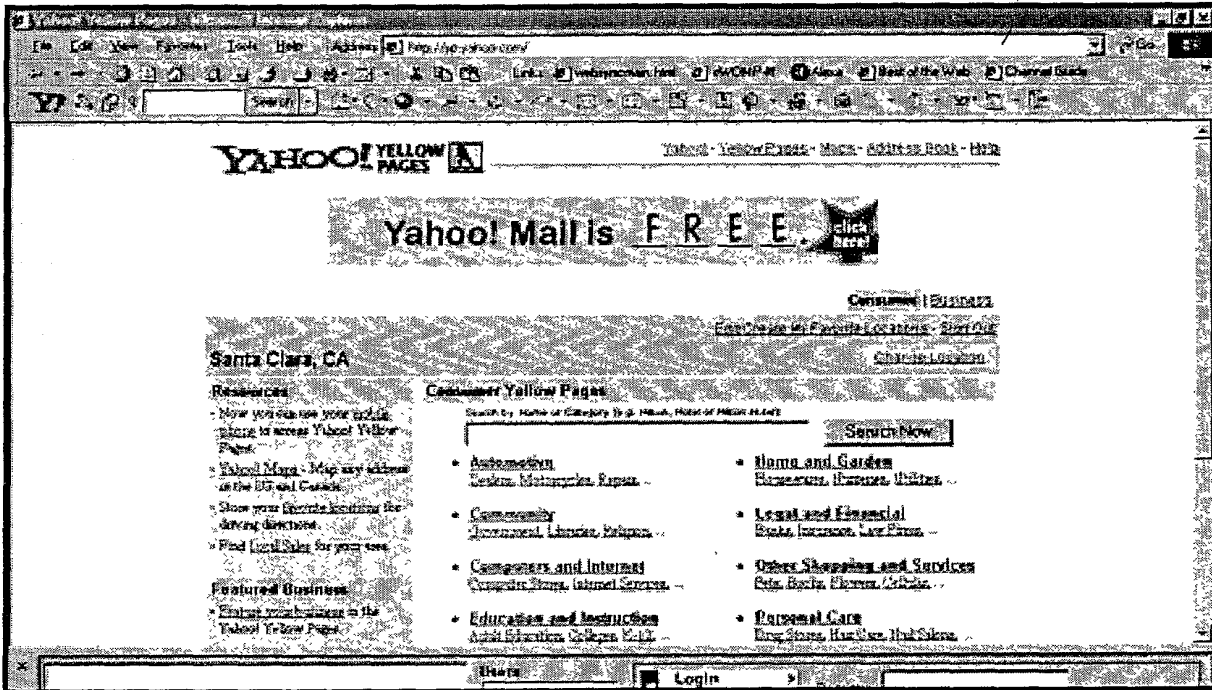


1000

User 2 at http://yp.yahoo.com

FIG. 12 A

1010

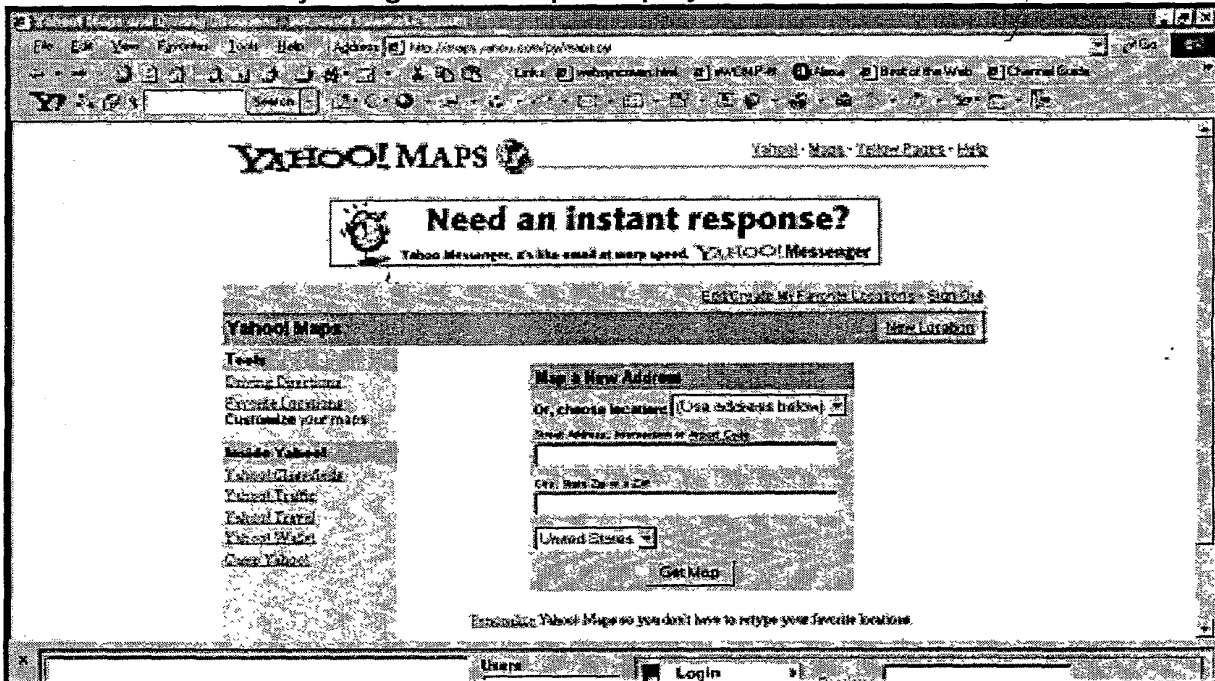


1000

FIG. 12 B

User 2 automatically navigates to http://maps.yahoo.com

1010



1000

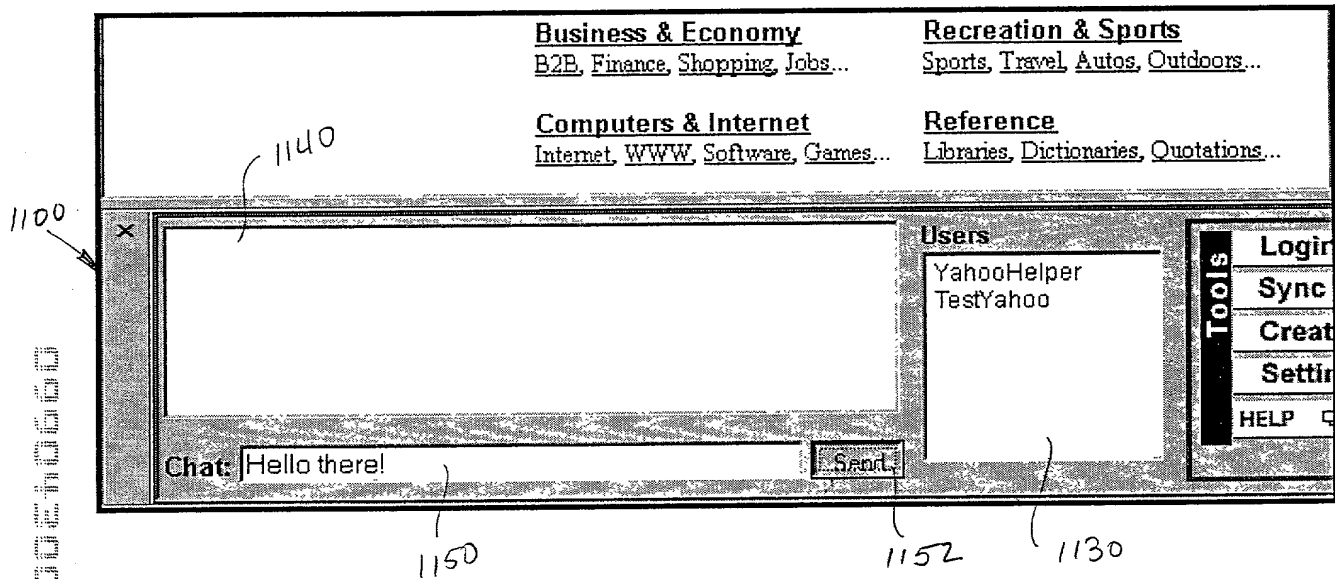


FIG. 13A

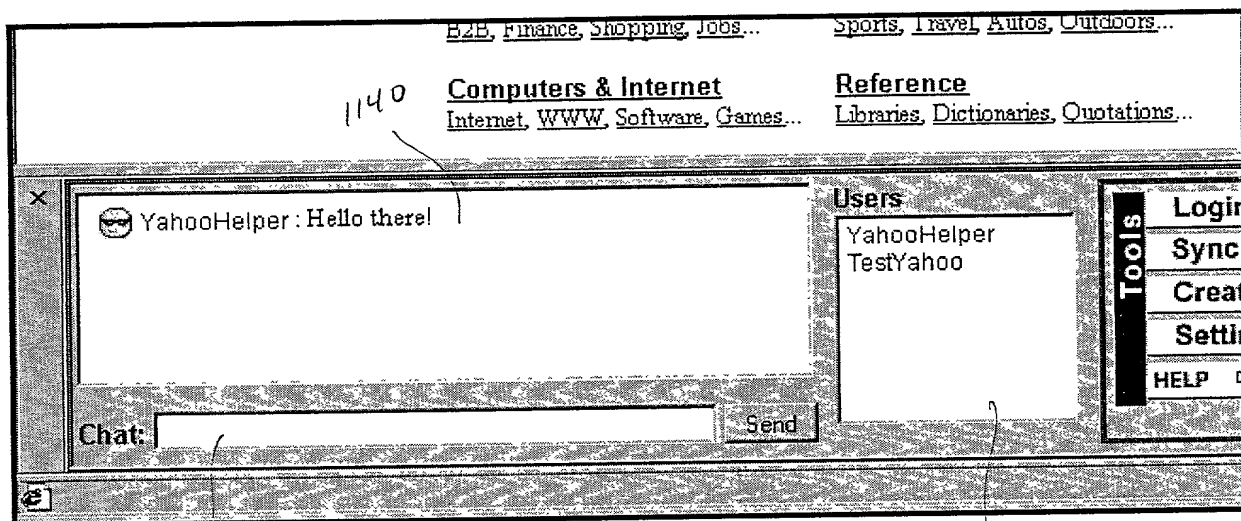


FIG. 13 B